

CLIPPEDIMAGE= JP406248217A  
PAT-NO: JP406248217A  
DOCUMENT-IDENTIFIER: JP 06248217 A  
TITLE: INK COMPOSITION FOR BALL POINT PEN

PUBN-DATE: September 6, 1994

INVENTOR-INFORMATION:

NAME

NASUKAWA, MAKOTO  
TAKAHASHI, HIROSHI

ASSIGNEE-INFORMATION:

NAME

PENTEL KK

COUNTRY

N/A

→ APPL-NO: JP05062958  
APPL-DATE: February 26, 1993

INT-CL\_(IPC): C09D011/18

ABSTRACT:

PURPOSE: To obtain an ink composition for ball point pen composed of a coloring agent, a solvent, a specific amine, a modified oil and a polysiloxane and having excellent non-corrosiveness to pen point, initial writing performance after the storage over a long period, etc.

CONSTITUTION: The composition is composed of (A) a coloring agent such as dye or pigment, (B) a solvent such as glycol, cellosolve or alcoholic solvent, (C) a (poly)oxyethylene alkylamine such as oxyethylene dodecylamine, (D) a polyoxyethylene (hardened) castor oil and (E) a polyether modified dimethylpolysiloxane. Preferably, the amounts of the components A, B, C, D and E are 5-40wt.%, 35-75wt.%, 0.05-5wt.%, 0.05-5wt.% and 0.001-0.5wt.% based on total composition, respectively.

COPYRIGHT: (C)1994, JPO&Japio